METHODS FOR OPTICAL DISC SECTOR VERIFICATION

ABSTRACT OF THE DISCLOSURE

A method for verifying sectors on an optical disc is provided. The method

5   includes writing user data to unverified sectors of the optical disc and verifying the

sectors of the optical disc with the user data. The sectors of the optical disc are verified

by reading the user data on the unverified sectors of the optical disc and comparing the

user data read from the unverified sectors of the optical disc with user data stored on a

system buffer. The sectors of the optical disc are verified to determine whether any one

10   of the unverified sectors having user data is defective. Also, the verifying of the

unverified sectors establishes verified sectors having user data. The sectors of the

optical disc that have been verified are tracked with a bitmap that is continually updated

as the sectors are verified.